

Patent and Trademark Office date stamp worth the date of receipt of:  
 Allen P. Chen et al.

Applicant or Patentee

No. (Application, Appeal, Interference, Patent, Reexam) 09/727,393

Filing or Issue Date November 29, 2000

Title PACKET PROCESSING

☐ Transmittal Letter (2 copies) ☐ With Pet. for Ext.  
☐ Assignment ☐ Status Inquiry  
☐ Amendment/Response \_\_\_\_\_ Pages ☐ Declaration  
☐ Maintenance Fee ☐ Request Certificate of Correction  
☒ Check \$1280.00 ☐ Notice of Appeal  
☐ Deposit Account Order Form (2 copies) ☐ Appeal Brief (3 copies) \_\_\_\_\_ Pages  
☐ Issue Fee ☐ Request Patent Copies ☒ Petition for Extension of Time (4 mths.)  
☐ Information Disclosure Statement  
☐ PTO 1449 Form - \_\_\_\_\_ Pages  
☐ Prior Art References - Number of References \_\_\_\_\_  
☒ Drawings \_\_\_\_\_ Sheets Formal \_\_\_\_\_ Sheets Informal 4 \_\_\_\_\_ Sheets ~~Amended~~ (Substitute)  
☐ Notice of Missing Parts  
☐ Combined Declaration and Power of Attorney  
☐ Small Entity Statement  
☒ Other Response to Notice of Incomplete Reply (NonProvisional);  
Copy of Notice of Incomplete Reply (NonProvisional); and  
Copy of Notice to File Missing Parts Of NonProvisional Applicant  
 Atty/Sec. BJC Client/ Intel P10191 Date 6/15/01  
 Initials \_\_\_\_\_ Matter Name \_\_\_\_\_



10559-385001-123

Fleet FLEET MAINE, N.A. SOUTH PORTLAND, ME

52-153/112

COMMISSIONER OF PATENTS AND TRADEMARKS

TO THE ORDER OF

DOLLARS

c 130630

FISH &amp; RICHARDSON P.C.

225 Franklin Street  
 Boston, Massachusetts  
 02110-2804

PAY

*Blue Hing 7/10*

FISH &amp; RICHARDSON P.C.

AMOUNT

DATE

6/15/01

130630



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Allen P. Chen et al.  
Serial No. : 09/727,393  
Filed : November 29, 2000  
Title : PACKET PROCESSING

Art Unit : Unknown  
Examiner : Unknown

**BOX MISSING PARTS**  
Commissioner for Patents  
Washington, D.C. 20231

RESPONSE TO NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

In response to the Notice of Incomplete Reply (NonProvisoinal) mailed May 15, 2001  
(copy enclosed), applicant as a large entity submits herewith the following:

- ☒ Substitute drawings in compliance with 37 CFR 1.84.
- ☒ Petition for Four-Month Extension of Time.
- ☒ Check in payment of \$1280 for Petition for Four-Month Extension of Time.

Also enclosed is a copy of the Notice to File Missing Parts of Non-Provisional Application, mailed January 4, 2001, that does not list the requirement that substitute drawings be submitted. Therefore, applicant respectfully requests that they not be charged any additional fees for submitting these substitute drawings.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

Signature

Typed or Printed Name of Person Signing Certificate

June 15, 2001  
Lenora H. Francis  
Lenora H. Francis


Applicant : Allen P. Chen & A.  
Serial No. : 09/727,393  
Filed : November 29, 2000  
Page : 2

Attorney's Pocket No.: 10559-385001 / P10191

Respectfully submitted,

Date:

NOV 15, 2001



Brian J. Colandreo  
Reg. No. 42,427

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

20271499.doc

SCM  
B/C

## UNITED STATES PATENT AND TRADEMARK OFFICE

 COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/727,393	11/29/2000	Allen P. Chen	10559-385001/P10191

CONFIRMATION NO. 4146

## FORMALITIES LETTER



\*OC00000006077354\*

20985

 FISH & RICHARDSON, PC  
 4350 LA JOLLA VILLAGE DRIVE  
 SUITE 500  
 SAN DIEGO, CA 92122

 RECEIVED  
 MAY 22 2001

 FISH & RICHARDSON P.C.  
 LA JOLLA, CA

Date Mailed: 05/15/2001

## NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

## Filing Date Granted

The U.S. Patent and Trademark Office has received your reply on to the Notice mailed and it has been entered into the nonprovisional application. The reply, however, doesnot include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application.

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

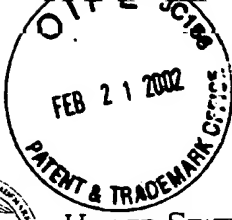
 let  
 Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

Docketed By Billing Secretary	
Due Date:	3-4-01
Deadline:	7-4-01
Initials:	PR

Docketed By Practice Systems	
Action Code:	MISSING PAGES
Base Date:	1/4/01
Due Date:	3/4/01
Deadline:	7/4/01
Initials:	
Record:	P40968050



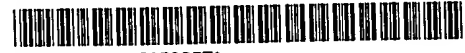
## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/727,393	11/29/2000	Allen P. Chen	10559/385001/P10191

CONFIRMATION NO. 4146

## FORMALITIES LETTER



\*OC000000005653957\*

20985  
FISH & RICHARDSON, PC  
4350 LA JOLLA VILLAGE DRIVE  
SUITE 500  
SAN DIEGO, CA 92122

Date Mailed: 01/04/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$492.
  - \$252 for 14 total claims over 20.
  - \$240 for 3 independent claims over 3.
- The oath or declaration is missing.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1332.

Docketed By Billing Secretary	
Due Date:	3-4-01
Deadline:	7-4-01
Initials:	ER

*A copy of this notice **MUST** be returned with the reply.*

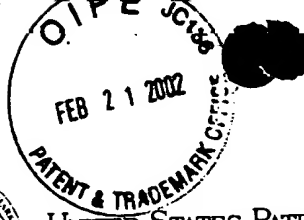
*Shen Wodaj*  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 3 - OFFICE COPY

Docketed By Practice Systems	
Action Code:	MP
Base Date:	1-4-01
Due Date:	3-4-01
Deadline:	7-4-01
Initials:	ji
Record:	40968





UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

P10191

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/727,393	11/29/2000	2661	0	10559/385001/P10191	4	34	6

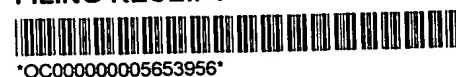
CONFIRMATION NO. 4146

20985  
FISH & RICHARDSON, PC  
4350 LA JOLLA VILLAGE DRIVE  
SUITE 500  
SAN DIEGO, CA 92122

RECEIVED  
JAN 16 2001

FISH & RICHARDSON P.C.  
LA JOLLA, CA

FILING RECEIPT



\*OC000000005653956\*

Date Mailed: 01/04/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Allen P. Chen, Residence Not Provided;  
Jayakumar Natarajan, Residence Not Provided;  
Siddharth C. Sheth, Residence Not Provided;

Continuing Data as Claimed by Applicant

Foreign Applications

If Required, Foreign Filing License Granted 01/04/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

Packet processing

Preliminary Class

* No Docketing Required *
Reviewed by Practice Systems
Reviewed by Billing Secretary

370

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Data entry by : WODAJE, ELENI

Team : OIPE

Date: 01/04/2001





**LICENSE FOR FOREIGN FILING UNDER**  
**Title 35, United States Code, Section 184**  
**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231



#3/ Reg for  
Refund  
03-26-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Allen P. Chen et al.  
Serial No. : 09/727,393  
Filed : November 29, 2000  
Title : PACKET PROCESSING

Art Unit : Unknown  
Examiner : Unknown

Commissioner for Patents  
Washington, D.C. 20231

REQUEST FOR REFUND

On November 29, 2000, the applicant filed the subject application. This application was filed without an oath or declaration.

On January 4, 2001, the U.S. Patent and Trademark Office mailed to the applicant a Notice to File Missing Parts of Nonprovisional Application (copy enclosed). This notice stated that the applicant was required to submit the following items in order to avoid abandonment:

- the statutory basic filing fee of \$710;
- total additional claims fees of \$492;
- an oath or declaration; and
- a late filing fee of \$130.

On March 27, 2001, the applicant filed a response (copy enclosed) to this Notice to File Missing parts, which included the following:

- a check for the \$710 statutory basic filing fee;
- a check for the \$492 total additional claims fees;
- a combined declaration and power of attorney;
- a check for the \$130 late filing fee;
- a petition for a one month extension of time; and
- a check for the \$110 one month extension fee.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

**February 07, 2002**

Date of Deposit

*Lenora H. Francis*

Signature

**Lenora H. Francis**

Typed or Printed Name of Person Signing Certificate

On May 15, 2001, the U.S. Patent and Trademark Office mailed a Notice of Incomplete Reply (copy enclosed). This Notice stated that the reply was incomplete since substitute drawings were required pursuant to 37 CFR 1.84.

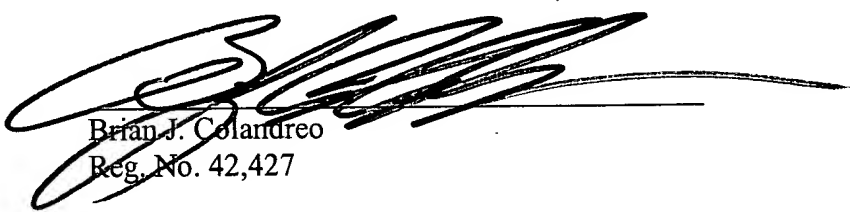
On June 15, 2001, the applicant filed a response (copy enclosed) to the Notice of Incomplete Reply, which included the following:

- substitute drawings in compliance with 37 CFR 1.84;
- a Petition for a Four Month Extension of Time; and
- a check for the \$1280 additional extension fees, in that this \$1280 represents the difference between the \$1390 four month extension fee and the \$110 one month extension fee previously paid.

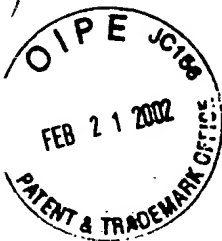
As the requirement for substitute drawings was not specified in the Notice to File Missing Part (mailed January 4, 2001), applicant respectfully asserts that the Response filed by the applicant on March 27, 2001 was complete and, therefore, the Notice of Incomplete Reply was improper and unwarranted. Therefore, applicant respectfully requests that the applicant be refunded the \$1280 in additional extension fees paid by the applicant on June 15, 2001.

Respectfully submitted,

Date: FEB. 7, 2002

  
Brian J. Colandreo  
Reg. No. 42,427

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906



F + R - 2  
ATTORNEY PACKET NO.: 10559-385001/P10113-1  
The Patent and Trademark Office date stamp sets the date of receipt of:  
Applicant or Patentee Allen P. Chen et al.  
No. (Application, Appeal, Interference, Patent, Reexam) 09/727,393  
Filing or Issue Date November 29, 2000  
Title PACKET PROCESSING

☐ Transmittal Letter (2 copies) ☐ With Pet. for Ext.  
☐ Assignment ☐ Status Inquiry  
☐ Amendment/Response      Pages ☐ Declaration  
☐ Maintenance Fee ☐ Request Certificate of Correction  
☒ Check \$ 1332.00 and \$ 110.00 ☐ Notice of Appeal  
☐ Deposit Account Order Form (2 copies) ☐ Appeal Brief (3 copies)      Pages  
☐ Issue Fee ☐ Request Patent Copies ☒ Petition for Extension of Time (1 month)  
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☐ PTO 1449 Form -      Pages  
☐ Prior Art References - Number of References       
☐ Drawings      Sheets Formal      Sheets Informal      Sheets Amended  
☒ Notice of Missing Parts  
☒ Combined Declaration and Power of Attorney (2 pages)  
☐ Small Entry Statement  
☒ Other Response to Notice to File Missing Parts of Application

Atty./Sec. BJC Client/ Intel Corp. P10191 Date Mar 27 2001  
Initials      Matter Name     

**FR** FISH & RICHARDSON P.C.

225 Franklin Street  
Boston, Massachusetts  
02110-2804

c 120614

PAY One Thousand Three Hundred & thirty-two DOLLARS

TO THE ORDER OF	DATE	AMOUNT
COMMISSIONER OF PATENTS AND TRADEMARKS	3/27/01	1332.-
FISH & RICHARDSON P.C.		

52-153/112



10559-385001/XF

BY Charles C. Whitlister

⑈ 120614 ⑈ ⑆ 011201539⑆ 80 071 123 ⑈

**FR** FISH & RICHARDSON P.C.

225 Franklin Street  
Boston, Massachusetts  
02110-2804

c 120613

PAY One Hundred & ten DOLLARS

TO THE ORDER OF	DATE	AMOUNT
COMMISSIONER OF PATENTS AND TRADEMARKS	3/27/01	110.-
FISH & RICHARDSON P.C.		

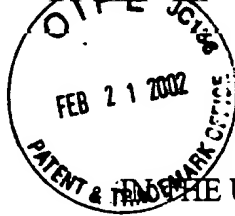
52-153/112



10559-385001/XF

BY Charles C. Whitlister

⑈ 120613 ⑈ ⑆ 011201539⑆ 80 071 123 ⑈



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Allen P. Chen et al. ✓  
Serial No. : 09/727,393 ✓  
Filed : November 29, 2000 ✓  
Title : PACKET PROCESSING ✓

Art Unit : 2661 ✓  
Examiner : Unknown ✓

**BOX MISSING PARTS**  
Commissioner for Patents  
Washington, D.C. 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

In response to the Notice to File Missing Parts of Application under 37 CFR §1.53(b) mailed January 4, 2001 (copy enclosed), applicant as a large entity submits herewith the following:

- ☒ Payment of the basic filing fee of \$710;
- ☒ Payment of the additional/multiple dependent claims fees of \$492;
- ☒ Check in payment of \$130 surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application;
- ☒ Check in payment of \$110 for Petition for One-Month Extension of time;
- ☒ Combined Declaration and Power of Attorney in compliance with 37 CFR §1.63;

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

March 27, 2001  
Date of Deposit

Lenora H. Francis  
Signature

LENORA H. FRANCIS  
Typed or Printed Name of Person Signing Certificate

Applicant : Allen P. Chen et al  
Serial No. : 09/727,393  
Filed : November 29, 2000  
Page : 2

Attorney's No.: 10559-385001 / P10191

It is understood that this perfects the application and no additional papers or filing fees are required. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

MARCH 27, 2001



Brian J. Colandreo  
Reg. No. 42,427

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225 Franklin Street  
Boston, MA 02110-2804  
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